

TENNESSEE STATE BOARD OF EDUCATION	
APPROVED HIGH SCHOOL COURSES	3.208

The following courses may be offered for credit in grades 9-12.

Academic Program

1. **Automobile Driver Education**

2. **Computer Technology**
 - 2.1. Computer Literacy
 - 2.2. BASIC
 - 2.3. Pascal
 - 2.4. FORTRAN
 - 2.5. C
 - 2.6. C++
 - 2.7. JAVA
 - 2.8. Advanced Placement Computer Science
 - 2.9. Computer Applications
 - 2.10. Interactive Multimedia Design
 - 2.11. Adventures in Computing

3. **Visual and Performing Arts**
 - 3.1. General Music
 - 3.2. Instrumental Music I, II, III, IV
 - 3.3. Vocal/Choral Music I, II, III, IV
 - 3.4. Class Piano I, II, III, IV
 - 3.5. Music History
 - 3.6. Music Theory
 - 3.7. Visual Art I, II, III, IV
 - 3.8. Visual Art History
 - 3.9. Dance I, II, III, IV
 - 3.10. Theater I, II, III, IV
 - 3.11. Advanced Placement Music Theory
 - 3.12. Advanced Placement Art History
 - 3.13. Advanced Placement Studio Art

4. **General Education Exploratory**
 - 4.1. General Agriculture
 - 4.2. General Home Economics

5. **Health, Physical Education, and Wellness**
 - 5.1. Physical Education
 - 5.2. Health Education
 - 5.3. Wellness

6. **Language Arts**
 - 6.1. English Language Arts I, II, III, IV
 - 6.2. English IV, Communication for Life*
 - 6.3. Advanced Placement English**

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- 6.4. Speech
- 6.5. Journalism
- 6.6. Competency English
- 6.7. Creative Writing
- 6.8. Latin I, II, III, IV
- 6.9. French I, II, III, IV
- 6.10. German I, II, III, IV
- 6.11. Spanish I, II, III, IV
- 6.12. Russian I, II, III, IV
- 6.13. Japanese I, II, III, IV
- 6.14. Other Languages I, II, III, IV
- 6.15. English as a Second Language***

* This course satisfies the English IV credit required for graduation. At local discretion, this course may be offered in place of English III instead of English IV. The teacher shall hold an endorsement in English 7-12.

** Advanced Placement English programs of the College Board may substitute for English III or English IV.

*** Course work in English as a Second Language may be used to satisfy the English language requirement for graduation, not to exceed two units. Additional English as a Second Language course work may be awarded elective credits.

7. Mathematics

- 7.1. Traditional Mathematics Course Sequence *
 - 7.1.1. Foundations I, II**
 - 7.1.2. Technical Math**
 - 7.1.3. Algebra I***
 - 7.1.4. Technical Algebra***
 - 7.1.5. Algebra II****, *****
 - 7.1.6. Geometry****, *****
 - 7.1.7. Technical Geometry****
 - 7.1.8. Advanced Algebra and Trigonometry
 - 7.1.9. Statistics
 - 7.1.10. Discrete Mathematics with Statistics & Probability
 - 7.1.11. PreCalculus
 - 7.1.12. Calculus
- 7.2. Integrated Mathematics Course Sequence
 - 7.2.1. Foundations I, II**
 - 7.2.2. Technical Math**
 - 7.2.3. Integrated Mathematics I***
 - 7.2.4. Integrated Mathematics II****, *****
 - 7.2.5. Integrated Mathematics III****, *****
 - 7.2.6. Advanced Algebra and Trigonometry
 - 7.2.7. Statistics
 - 7.2.8. Discrete Mathematics with Statistics & Probability

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- 7.2.9. PreCalculus
- 7.2.10. Calculus

* All students must earn three credits in high school mathematics.

** Students who enter high school beginning in 2005-06 may receive a maximum of one mathematics credit for a course in Foundations I, Foundations II, or Technical Math (formerly known as Mathematics for Technology I). Students who enter high school prior to 2005-06 may receive a maximum of two credits for these courses.

*** In order to fulfill the mathematics requirement for graduation, students must earn credit in one of the following: Algebra I, Technical Algebra (formerly Mathematics for Technology II), or Integrated Mathematics I. Students may receive mathematics credit in only one of the three courses.

**** Students who enter high school beginning in 2005-06 will also be required to complete one of the following: Geometry, Technical Geometry, Algebra II, or Integrated Mathematics II as part of the three required units.

***** Students in the university preparation curriculum must earn two credits in Algebra II, Geometry, or other advanced mathematics courses or they must earn two credits in Integrated Mathematics II and Integrated Mathematics III.

8. JROTC Military Science*

* Two credits of JROTC may be substituted for one credit of wellness required for graduation, provided that the local board of education has complied with the requirements of the State Board of Education.

* Three credits of JROTC may be substituted for one-half unit of United States Government required for graduation.

9. Science

- 9.1. Life Science
- 9.2. Physical Science
- 9.3. Biology I, II
- 9.4. Human Anatomy and Physiology
- 9.5. Chemistry I, II
- 9.6. Earth Science
- 9.7. Geology
- 9.8. Environmental Science
- 9.9. Ecology
- 9.10. Physics
- 9.11. Scientific Research
- 9.12. Advanced Placement Biology
- 9.13. Advanced Placement Chemistry
- 9.14. Advanced Placement Physics B, C
- 9.15. Advanced Placement Environmental Science

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10. Social Studies

- 10.1. United States History
- 10.2. Economics*
- 10.3. United States Government**
- 10.4. Psychology
- 10.5. World Geography
- 10.6. World History
- 10.7. Contemporary Issues
- 10.8. Modern History
- 10.9. Ancient History
- 10.10. African-American History
- 10.11. Advanced Placement United States History
- 10.12. Advanced Placement European History
- 10.13. Advanced Placement World History
- 10.14. Advanced Placement Economics
- 10.15. Advanced Placement Government and Politics
- 10.16. Advanced Placement Human Geography
- 10.17. International Baccalaureate, History of the Americas HL***

* The economics requirement for graduation may be satisfied by business economics, international business/marketing, one-half credit in marketing education, or out-of-school experiences through Junior Achievement.

** The United States government requirement for graduation may be satisfied by one semester of American business/legal systems or by three years of JROTC.

*** The United States history and United States government requirements may be satisfied by completion of the two-year sequence International Baccalaureate, History of the Americas HL.

11. Service Learning

- 11.1. Success Skills for Service Learning

Career and Technical Program.**12. Agricultural Education***

- 12.1. Agriscience**
- 12.2. Fundamentals of Agriculture
- 12.3. Advanced Principles of Agriculture
- 12.4. Greenhouse Management
- 12.5. Turfgrass Management
- 12.6. Nursery Production
- 12.7. Floral Design
- 12.8. Exterior/Interior Landscaping
- 12.9. Hydroponics
- 12.10. Aquaculture

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- 12.11. Horticulture Technology
- 12.12. Horse Science
- 12.13. Small Animal Care
- 12.14. Livestock Management
- 12.15. Principles of Veterinary Science
- 12.16. Forestry
- 12.17. Wildlife Management
- 12.18. Soil and Land Management
- 12.19. Crop Science
- 12.20. Agricultural Power and Equipment
- 12.21. Agricultural Mechanics and Maintenance
- 12.22. Principles of Agricultural Engineering
- 12.23. Leadership
- 12.24. Agricultural Sales and Service
- 12.25. Agricultural Business/Economics

* A student who completes an approved supervised occupational education program consisting of at least 180 hours will be given one-half credit as an out-of-school experience.

** Agriscience satisfies one credit of life science laboratory credit required for graduation or it may be awarded for one vocational credit.

13. Health Sciences Education

- 13.1. Health Science Education
- 13.2. Health Science Anatomy and Physiology*
- 13.3. Medical Therapeutics
- 13.4. Nursing Education
- 13.5. Rehabilitative Therapy
- 13.6. Emergency Medical Services
- 13.7. Health Informatics
- 13.8. Support Services
- 13.9. Diagnostic Medicine
- 13.10. Forensic Science
- 13.11. Biomedical Applications
- 13.12. Clinical Internship

* Health Science Anatomy & Physiology satisfies one of the science credits required for graduation or it may be offered for one vocational credit.

14. Family and Consumer Sciences Education

- 14.1. Family and Consumer Sciences
 - 14.1.1. Teen Living*
 - 14.1.2. Family and Consumer Sciences
 - 14.1.3. Adult Living
 - 14.1.4. Family and Parenting Education
 - 14.1.5. Child Development
 - 14.1.6. Nutrition and Foods

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- 14.1.7. Nutrition Science**
- 14.1.8. Textiles and Apparel
- 14.1.9. Housing and Interior Design
- 14.1.10. Consumer Economics***
- 14.1.11. Interpersonal Communications
- 14.1.12. Career Connections

* Teen Living standards are applicable to grades 5 through 8

** Nutrition Science satisfies either one credit of life science (if team taught with a biology teacher) or one credit of physical science (if team taught with a chemistry teacher) required for graduation.

*** Consumer Economics satisfies one-half credit in economics required for graduation.

- 14.2. Occupational Education
 - 14.2.1. Foundations of the Hospitality Industry
 - 14.2.2. Culinary Arts I, II, and III
 - 14.2.3. Early Childhood Education Careers I, II, and III

15. Marketing Education

- 15.1. Marketing & Management I – Principles*
- 15.2. Marketing & Management II – Advanced Strategies
- 15.3. Financial Services Marketing*
- 15.4. Entrepreneurship*
- 15.5. Services Marketing*
- 15.6. Marketing Research & Analysis
- 15.7. Retail Operations*
- 15.8. Technical Marketing
- 15.9. Advertising & Public Relations
- 15.10. Organizational Leadership
- 15.11. Sales Management
- 15.12. Sports and Entertainment Marketing
- 15.13. Wholesale-Logistics Operations*
- 15.14. International Business & Marketing*
- 15.15. Exploration of Marketing & Management
- 15.16. Travel & Tourism
- 15.17. Hospitality Management
- 15.18. Foundations of Hospitality
- 15.19. Virtual Enterprise International*

* Completion of one of the core marketing education courses as signified by * satisfies the economics requirement for graduation.

16. Business Technology

- 16.1. Computer Applications
- 16.2. Accounting I
- 16.3. Accounting II

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- 16.4. American Business Legal Systems*
- 16.5. Business Principles
- 16.6. Financial Planning
- 16.7. Business Economics**
- 16.8. BASIC Programming
- 16.9. C++ Programming
- 16.10. JAVA Programming
- 16.11. Keyboarding
- 16.12. International Business/Marketing**
- 16.13. eBusiness Communications
- 16.14. Business Management
- 16.15. Keyboarding/Document Formatting
- 16.16. Keyboarding/Document Layout & Design
- 16.17. Spreadsheet Applications
- 16.18. Integrated Input Technologies
- 16.19. Database Design/Management
- 16.20. Administrative Management
- 16.21. Desktop Publishing
- 16.22. Computer Operating Systems
- 16.23. Career Connections
- 16.24. Computer Literacy
- 16.25. Banking & Finance
- 16.26. Interactive Multimedia Presentations
- 16.27. Virtual Enterprise International**
- 16.28. Web Site - Foundations
- 16.29. Web Page Design - Site Designer
- 16.30. Web Page Design - eCommerce
- 16.31. Networking Essentials
- 16.32. Networking
- 16.33. Information Technology Foundations

* American Business Legal Systems satisfies one-half credit in U.S. Government.

** Business Economics or International Business/Marketing or Virtual Enterprise International satisfy one-half credit in economics.

17. Technology Engineering Education

- 17.1. Foundations of Technology*
- 17.2. Innovations and Inventions
- 17.3. Technological Systems
- 17.4. Engineering Processes
- 17.5. Problems and Solutions in Technology

* Foundations of Technology is applicable to grades 6 through 8.

18. Contextual Academics

- 18.1. Principles of Technology I*
- 18.2. Principles of Technology II**
- 18.3. Biology for Technology***

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- 18.4. Technical Mathematics****
- 18.5. Technical Algebra*****
- 18.6. Technical Geometry*****
- 18.7. English IV, Communication for Life*****

* Principles of Technology I satisfies one of the physical science credits required for graduation or it may be offered for one vocational credit.

** Principles of Technology II satisfies one science credit required for graduation. The completion of Principles of Technology I and II is equivalent to Physics I.

*** Biology for Technology satisfies one of the life science credits required for graduation.

**** Technical Mathematics may satisfy one of the mathematics credits allowed prior to entry in Algebra I or Technical Algebra, for students entering high school beginning in fall 2005.

***** Technical Algebra satisfies the Algebra I credit required for graduation.

***** Technical Geometry satisfies one of the math credits required for graduation.

***** English IV, Communication for Life, satisfies the English IV credit required for graduation. The teacher shall have an endorsement in English 7-12. At local discretion, this course may be offered in place of English III instead of English IV.

19. Trade and Industrial Education

- 19.1. Career Management Success
- 19.2. Transportation Service Technology
 - 19.2.1. Transportation Core
 - 19.2.2. Aviation Maintenance I and II
 - 19.2.3. Introduction to Aerospace
 - 19.2.4. Theory of Flight
 - 19.2.5. Automotive: Brake Systems
 - 19.2.6. Automotive: Electrical/Electronic Systems
 - 19.2.7. Automotive: Suspension and Steering
 - 19.2.8. Automotive: Engine Performance
 - 19.2.9. Collision Repair: Non-Structural
 - 19.2.10. Collision Repair: Structural
 - 19.2.11. Collision Repair: Painting and Refinishing
 - 19.2.12. Diesel: Brake Systems
 - 19.2.13. Diesel: Preventive Maintenance
 - 19.2.14. Diesel: Suspension and Steering
 - 19.2.15. Diesel: Electrical/Electronics
 - 19.2.16. Diesel: Engine
 - 19.2.17. Leisure Craft/Small Engine Technology: Engine Performance
 - 19.2.18. Leisure Craft/Small Engine Technology: Systems

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- 19.3. Construction Technology
 - 19.3.1. Construction Core
 - 19.3.2. Computer-Aided Drafting
 - 19.3.3. Advanced Computer-Aided Drafting
 - 19.3.4. Carpentry I and II
 - 19.3.5. Concrete I and II
 - 19.3.6. Masonry I and II
 - 19.3.7. Electrical I and II
 - 19.3.8. Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) I and II
 - 19.3.9. Plumbing I and II
 - 19.3.10. Basic Principles of Welding
 - 19.3.11. Advanced Welding Applications
- 19.4. Arts and Communication Technology
 - 19.4.1. Visual Communications
 - 19.4.2. Graphic Communications I
 - 19.4.3. Graphic Communications II
 - 19.4.4. Digital Design and Imaging
 - 19.4.5. Media Concepts
 - 19.4.6. Electronic Media Production
 - 19.4.7. Electronic Media Management and Operations
 - 19.4.8. Information Technology Foundations
 - 19.4.9. Computer Operating Systems & Hardware
 - 19.4.10. Networking
 - 19.4.11. Cabling Technology
 - 19.4.12. Web Site I – Foundations
 - 19.4.13. Web Page Design II – Site Designer
 - 19.4.14. Web Page Design III – eCommerce
- 19.5. Manufacturing Technology
 - 19.5.1. Programming and Logic
 - 19.5.2. Principles of Manufacturing
 - 19.5.3. Principles of Machining and Manufacturing
 - 19.5.4. Manufacturing Applications
 - 19.5.5. Digital Electronics
 - 19.5.6. Computer-Aided Drafting
 - 19.5.7. Advanced Computer-Aided Drafting
 - 19.5.8. Principles of Engineering
 - 19.5.9. Basic Principles of Welding
 - 19.5.10. Advanced Welding Applications
- 19.6. Human Services
 - 19.6.1. Principles of Cosmetology
 - 19.6.2. Design Principles of Cosmetology
 - 19.6.3. Chemistry of Cosmetology
 - 19.6.4. Criminal Justice I, II, and III
- 19.7. Hospitality and Tourism
 - 19.7.1. Foundations of the Hospitality Industry
 - 19.7.2. Culinary Arts I, II, and III